

1. (amended) A vibrator apparatus comprising:

a base;

an armature plate resiliently mounted to said base;

an armature of magnetically attracted material mounted to said armature plate;

a first electromagnet mounted to said base in a spaced apart relationship to said armature;

a second electromagnet mounted to said base in a spaced apart relationship to said

armature; and

a circuit for generating electrical pulses having a first output connected to said first electromagnet and a second output connected to said second electromagnet, said circuit configured for selectively operating the vibration generator in a circular orbital vibratory mode, an elliptical vibratory mode and a reciprocating vibratory mode.

13. (amended) The vibrator apparatus of claim 1, wherein said circuit comprises a mode selector switch for selectively operating the vibration generator in the circular orbital vibratory mode, the elliptical vibratory mode and the reciprocating vibratory mode.

NEW CLAIMS

Please add new claims as follows:

32. (NEW) The vibrator apparatus of claim 22, wherein said phase shifting circuit is configured to deliver electrical pulses to said first electromagnet and said second electromagnet at a variable phase shift angle.

33. (NEW) A vibrator apparatus comprising:

a base;

an armature plate resiliently mounted to said base;

an armature of magnetically attracted material mounted to said armature plate;

a first electromagnet mounted to said base in a spaced apart relationship to said armature;

a second electromagnet mounted to said base in a spaced apart relationship to said

armature; and

a circuit for generating electrical pulses having a first output connected to said first electromagnet and a second output connected to said second electromagnet, said circuit configured to deliver electrical pulses to said second electromagnet at a variable phase angle with respect to said first electromagnet, thereby inducing an orbital motion in said armature.
